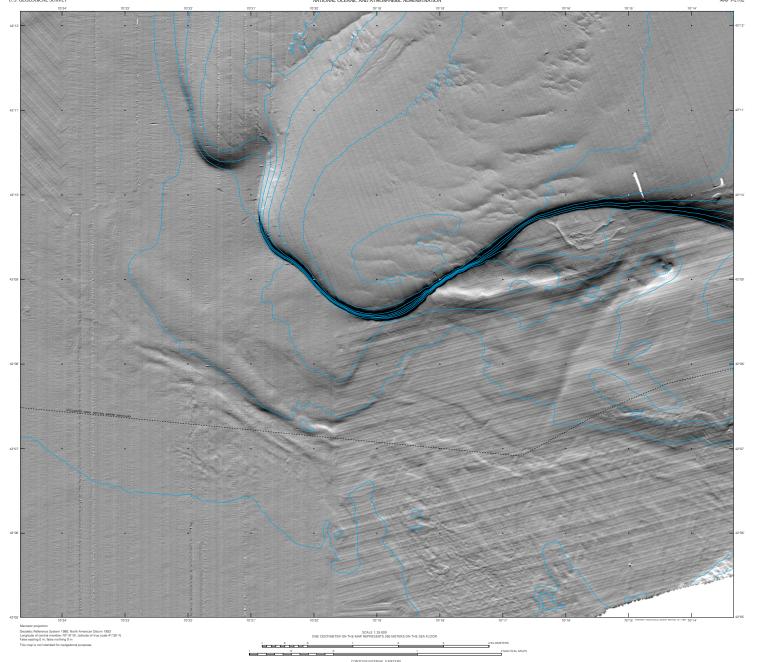
U.S. DEPARTMENT OF THE INTERIOR Proposed in cooperation with the GEOLOGIC INVESTIGATIONS SERIES U.S. GEOLOGICAL SURVEY NATIONAL OCEANC AND ATMOSPHERIC ADMINISTRATION MAP 1-2702



DISCUSSION

The Software Real National Mennis Sentenins (Mennis Mennis Profest in a consensation of Administration, with appetent from the University of New Bennands and and Carcials (Helderspatch Service: The multibous necho sounder survey) uses conducted on for consists over a tourse protect from the full college 100% to the full of 100% and the contraction of the Carcial Section (New York 100%) and the Carcial S

Regional seabed feature

The major topographic features depicted in the map series were formed by globeprocesses. In broad term, these features are interpreted here to represent a geologic hattery that developed in several stages. We containing rock debtes moved across the region, scalinging is surface and depositing sediment to form the large balants, bashe region, scalinging is surface and depositing sediment to form the large balants, bashe region, scalinging is surface and depositing sediment to form the large balants, bashe deplication. They are the result of processes at work when much of the across we occered by stationary refitting (e.e., and when at the same time small valley gloties are tice falls were active in and near areas of high topographic relief. The sea invoked the region formely corpusal by low, and sudden features were party evoded and comnew sedimentary deposits formed. Today, the sea floor is medified mainly by strong consciously bettom currents caused by storm which from the northeast. These currents evode sediments from the shallow basic and transport them into the basins. With time, the hashs affected by these currents become consert, as and and must are removed and general remains; and the western flushes of the banks, as well as addiscent basics are built up by deposit or final and saind.

Quadrangle 2 featur

This quadwagie conver the southwestern corner of Soleshapen Back, it separates the lack from Cap Cot. The southwestern corners of the back, that is the sublowest part of the back cover, like at a sustee depth of 200 in the cent of the quadwagie and the southeet of the soleshapen back is a 25-met to the quadwagie and the southeet of the soleshapen back is a 25-met to the subscription of the soleshapen back is stilled by the contract in stitute, but it is standed on the soleshapen Back in the Soleshapen Back is a 25-met to still the soleshapen Back in the soleshapen Back is stilled by stilled in stilled by stilled in stilled by stilled by the Soleshapen Back in the soleshapen Back is stilled by st

Several sets of low curved ridges intersect the southern escarpment of Stellwagen Bank. One, appearing white on the image, extends from the escarpment to a point course bloometer to the cost MOTOR N. 70716 WII. The best defined sides was at 55 muster depth (ECPDS N. 707155 W) and recentile note debets dependent on the blood of a former local that flationed from the blood. A bester preserved to the contrast (Westerland Westerland Wester

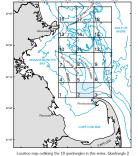
REFERENCES CITED

alentine, P.C., Unger, T.S., Baker, J.L., and Roworth, E.T., 1997, Sea floor topography of Quadrangle 2 in the Stellwagen Bank National Marine Sanctuary off Boston, Massachusetti: U.S. Geological Survey Open-File Report 97–503, scale 1:25.000.

topographic map and perspective view-imagery of Quadrangles 1-18, Stellwagen Bank National Marine Sarctuary off Boston, Massachusetts: U.S. Geological SurveyOpen-File Report 98-138, 1 CD ROM.

alentine, P.C., Baker, J.L., and Unger, T.S., 1999a, Sun-illuminated sea floor topography of Quadrangle 5 in the Stellwagen Bank National Marine Sanctuary off Boston, Massachusetts: U.S. Geological Survey Geologic Investigations Series Map I-2705, scale 1:25,000.

Jalentine, P.C., Unger, T.S., and Balur, J.L., 1999b, Sun-illuminated sea floor topography of Quadrangle 6 in the Stellwagen Bank National Marine Sanctuary off Boston, Massachusetts: U.S. Geological Survey Geologic Investigations Series



Location map outlining the 18 quadrangles in this series. Quadrangle shown in blue. Stellwagen Bank National Marine Sanctuary (SBNMS

SUN-ILLUMINATED SEA FLOOR TOPOGRAPHY OF QUADRANGLE 2 IN THE STELLWAGEN BANK NATIONAL MARINE SANCTUARY OFF BOSTON, MASSACHUSETTS